

PATENT

**UNITED STATES PATENT AND TRADEMARK OFFICE**

(Case No. 05-583)

IN RE APPLICATION OF:	)		
Gicquel <i>et al.</i>	)		
	)		
Serial No. 10/541,970	)	Examiner:	Stouffer, Kelly M.
	)		
Filed: July 11, 2005	)	Group Art Unit:	1762
	)		
For: High-Speed Diamond	)	Confirmation No.:	8766
Growth Using a Microwave	)		
Plasma in Pulsed Mode	)		
	)		

**RESPONSE TO THE OFFICE ACTION  
MAILED AUGUST 10, 2006**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

Responsive to the Office Action mailed August 10, 2006, Applicants respectfully request the Examiner to reconsider the above-identified patent application in view of the following amendments and remarks.

**Amendment to the Specification** begins on page 2 of this paper.

**Amendment to the Claims** begins on page 6 of this paper.

**Remarks** begin on page 8 of this paper.